

Modified Form PTO-1449

Atty. Docket
No.

A-665

Serial No.

09/843.221

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

Applicant

Kostenuik et al.

Filing Date

April 26, 2000

Group

1647

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
GW	A1	5,969,095	Oct. 19, 1999	Dong			
GW	A2	5,955,574	Sep. 21, 1999	Dong			
GW	A3	5,723,577	Mar. 3, 1998	Dong			

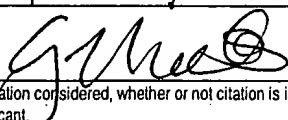
FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							YES NO
GW	B1	WO 00/77042	Dec. 21, 2000	PCT			
	B2	WO 00/40611	July 13, 2000	PCT			
	B3	WO 00/31137	June 2, 2000	PCT			
	B4	WO 00/23594	Apr. 27, 2000	PCT			
	B5	WO 00/13651	Mar. 16, 2000	PCT			
	B6	WO 00/04047	Jan. 27, 2000	PCT			
	B7	WO 99/52933	Oct. 21, 1999	PCT			
GW	B8	WO 99/38536	Aug. 5, 1999	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

GW	c1	Barbier et al. (1997), "Bioactivities and Secondary Structures of Constrained Analogues of Human Parathyroid Hormone: Cyclic Lactams of the Receptor Binding Region", <i>J. Med. Chem.</i> 40:1373-1380.
	c2	Bergeron et al. (1981), "In Vivo Demonstration of Receptors in Rat Liver to the Amino-Terminal Region of Parathyroid Hormone", <i>Endocrinology</i> 109(5):1552-1559.
	c3	Coltrera et al. (1981), "Identification of a Renal Receptor for Parathyroid Hormone by Photoaffinity Radiolabeling Using a Synthetic Analogue", <i>The Journal of Biological Chemistry</i> 256(20):10555-10559.
	c4	Dobnig et al. (1997), "The Effects of Programmed Administration of Human Parathyroid Hormone Fragment (1-34) on Bone Histomorphometry and Serum Chemistry in Rats," <i>Endocrinology</i> 138(11):4607-4612.
GW	c5	Doppelt et al. (1981), "Human Parathyroid Hormone 1-34-Mediated Hypercalcemia in a Rat Model, and Its Inhibition by Dichloromethane Diphosphonate", <i>Calcif. Tissue Int.</i> 33:649-654.

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Date Considered:

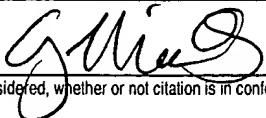
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	Filing Date April 26, 2000	Group 1647

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


C6	Dresner-Pollak et al. (1996), "Evaluation In Vivo of a Potent Parathyroid Hormone Antagonist: [Nle ^{8,18} , D-Trp ¹² , Tyr ³⁴]bPTH(7-34)NH ₂ "; <i>Journal of Bone and Mineral Research</i> 11:1061-1065.
C7	Fenton et al. (1991), "A Carboxyl-Terminal Peptide from the Parathyroid Hormone-Related Protein Inhibits Bone Resorption by Osteoclasts", <i>Endocrinology</i> 129(4):1762-1768.
C8	Fenton et al. (1991), "A Potent Inhibitor of Osteoclastic Bone Resorption within a Highly Conserved Pentapeptide Region of Parathyroid Hormone-Related Protein; PTHrP[107-111]" <i>Endocrinology</i> 129(6):3424-3426
C9	Fukayama et al. (1998), "New insights into interactions between the human PTH/PTHrP receptor and agonist/antagonist binding", <i>American Journal of Physiological</i> 274:E297-E303.
C10	Gardella et al. (1996), "Converting Parathyroid Hormone-related Peptide (PTHrP) into a Potent PTH-2 Receptor Agonist", <i>The Journal of Biological Chemistry</i> 271(33):19888-19893.
C11	Gardella et al. (1996), "Inverse Agonism of Amino-Terminally Truncated Parathyroid Hormone (PTH) and PTH-Related Peptide (PTHrP) Analogs Revealed with Constitutively Active Mutant PTH/PTHrP Receptors", <i>Endocrinology</i> 137(9):3936-3941.
C12	Goldman et al. (1988), "A New Highly Potent Parathyroid Hormone Antagonist: [D-TRP ¹² , TYR ³⁴]bPTH-(7-34)NH ₂ ", <i>Endocrinology</i> 123(5):2597-2599.
C13	Gray et al. (1982), "In Vivo Studies on an Antagonist of Parathyroid Hormone [Nle-8, Nle-18, Tyr-34]bPTH-(3-34) Amide", <i>Br. J. Pharmac.</i> 76:259-263.
C14	Heinrich et al. (1984), "Gene Encoding Parathyroid Hormone" <i>The Journal of Biological Chemistry</i> 259(5):3320-3329.
C15	Hendy et al. (1981), "Nucleotide sequence of cloned cDNAs encoding human preproparathyroid hormone", <i>Proc. Natl. Acad. Sci. USA</i> 78(12):7365-7369.
C16	Holick et al. (1994), "A parathyroid hormone antagonist, stimulates epidermal proliferation and hair growth in mice", <i>Proc. Natl. Acad. Sci. USA</i> 91:8014-8016.
C17	Holick et al. (1995), "A PTHrP Antagonist Stimulates Epidermal Proliferation, and Hair Growth, and Regulates the Hair Cycle. A New Insight into the Biologic Function of PTHrP in the Skin", <i>Bone</i> 16:140S.
C18	Horiuchi et al. (1983), "A Parathyroid Hormone Inhibitor in vivo: Design and Biological Evaluation of a Hormone Analog", <i>Science</i> 220:1053-1055.
C19	Huang et al. (1999), "Role of Signal Transduction in Internalization of the G Protein-Coupled Receptor for Parathyroid Hormone (PTH) and PTH-Related Protein", <i>Endocrinology</i> 140(3):1294-1300.
C20	Jobert et al. (1997), "Parathyroid Hormone-Induced Calcium Release from Intracellular Stores in a Human Kidney Cell Line in the Absence of Stimulation of Cyclic Adenosine 3', 5'-Monophosphate Production", <i>Endocrinology</i> 138(12):5282-5292.
C21	Jouishomme et al. (1994), "Further Definition of the Protein Kinase C Activation Domain of the Parathyroid Hormone" <i>Journal of Bone and Mineral Research</i> 9:943-949.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

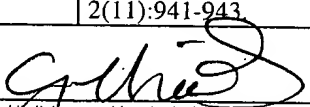
C22	Kemp et al. (1987), "Parathyroid Hormone-Related Protein of Malignancy: Active Synthetic Fragments", <i>Science</i> 238:1568-1570.
C23	Kent et al. (1985), "Pharmacokinetics of synthetic human parathyroid hormone 1-34 in man measured by cytochemical bioassay and radioimmunoassay", <i>Clinical Science</i> 68:171-177.
C24	Kimura et al. (1983), "Solution Synthesis of [ASN ⁷⁶]-Human Parathyroid Hormone (1-84)", <i>Biochemical and Biophysical Research Communications</i> 114(2):493-499.
C25	Law et al. (1983), "Preparation of Synthetic Bovine Parathyroid Hormone Fragment 1-34 for Parenteral Use in Human Studies", <i>Journal of Clinical Endocrinology and Metabolism</i> 56(6):1335-1337.
C26	Lee, et al. (1989), "Two-Dimensional ¹ H-NMR Study of the 1-34 Fragment of Human Parathyroid Hormone," <i>Biopolymers</i> 28:1115-1127.
C27	Li, et al. (1996), "Human Chorionic Gonadotropin Down-Regulates the Expression of Gonadotropin-Releasing Hormone Receptor Gene in GT1-7 Neurons," <i>Endocrinology</i> 137(3):899-904.
C28	Li, et al. (1996), "Detection of Extended Distribution of β_2 Thyroid Hormone Receptor Messenger Ribonucleic Acid (RNA) in Adult Rat Brain Using Complementary RNA in Situ Hybridization Histochemistry," <i>Endocrinology</i> 137(4):1272-1275.
C29	Li, et al. (1996), "The Ontogeny of Hepatic Growth Hormone Receptor and Insulin-Like Growth Factor I Gene Expression in the Sheep Fetus during Late Gestation: Developmental Regulation by Cortisol," <i>Endocrinology</i> 137(5):1650-1657.
C30	Li, et al. (1996), "An Oviposition-Inducing Peptide: Isolation, Localization, and Function of Avian Galanin in the Quail Oviduct," <i>Endocrinology</i> 137(5):1618-1626.
C31	Li, et al. (1996), "Regulation of Hen Granulosa Cell Prostaglandin Production by Transforming Growth Factors during Follicular Development: Involvement of Cyclooxygenase II," <i>Endocrinology</i> 137(6):2522-2529.
C32	Li, et al. (1996), "Effect of Endogenously Produced Parathyroid Hormone-Related Peptide on Growth of a Human Hepatoma Cell Line (Hep G2)," <i>Endocrinology</i> 137(6):2367-2374.
C33	Lowik et al. (1985), "A Two-Receptor Model for the Action of Parathyroid Hormone on Osteoblasts: A Role for Intracellular Free Calcium and cAMP", <i>Cell Calcium</i> 6:311-326.
C34	Mannstadt et al. (1999), "Receptors for PTH and PTHrP: their biological important and functional properties", <i>American Journal of Physiological</i> 277:F665-F675.
C35	McGowan et al. (1983), "Parathyroid Hormone: Effects of the 3-34 Fragment in vivo and in vitro", <i>Science</i> 219:67-69.
C36	McKee et al. (1989), "Synthetic Peptides as Tools for Investigating the Pathogenicity of Disease: Humoral Hypercalcemia of Malignancy", <i>Peptide Research</i> 2(2):161-166.
C37	Moseley et al. (1987), "Parathyroid hormone-related protein purified from a human lung cancer cell line", <i>Proc. Natl. Acad. Sci. USA</i> 84:5048-5052.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

C38	Nagasaki et al. (1989), "In vitro and in vivo antagonists against parathyroid hormone-related protein", <i>Biochemical and Biophysical Research Communications</i> 158(3):1036-1042
C39	Nakabayashi et al. (1987), "Role of Protein Kinase C in the Regulation of Rat Liver Glycogen Synthase" <i>Archives of Biochemistry and Biophysics</i> 252(1):81-90.
C40	Nakamura et al. (1981), "Acute Hypotensive Action of Parathyroid Hormone-(1-34) Fragments in Hypertensive Rats", <i>Proc. Soc. Exp. Biol. Med.</i> 168:168-171.
C41	Neugebauer et al. (1994), "Structure and protein kinase C stimulating activities of lactam analogues of human parathyroid hormone fragment", <i>Int. J. Peptide Protein Res.</i> 43:555-562.
C42	Nussbaum et al. (1980), "Parathyroid Hormone - Renal Receptor Interactions", <i>The Journal of Biological Chemistry</i> 255(21):10183-10187.
C43	Nutt et al. (1990), "Removal of Partial agonism from Parathyroid Hormone (PTH)-Related Protein (7-34)NH ₂ by Substitution of PTH Amino Acids at Positions 10 and 11", <i>Endocrinology</i> 127(1):491-493.
C44	Paspaliaris et al. (1995), "Daily Administration of PTHrP(1-34) Inhibits the Rapid Decline in Osteoblast Marker mRNA Levels and Bone Formation in Rat Tibia Following Denervation", <i>Bone</i> 16:141S.
C45	Podbesek et al. (1983), "Effects of Two Treatment Regimes with Synthetic Human Parathyroid Hormone Fragment on Bone Formation and the Tissue Balance of Trabecular Bone in Greyhounds" <i>Endocrinology</i> 112(3):1000-1006.
C46	Reeve et al. (1990), "Treatment of osteoporosis with human parathyroid peptide and observations on effect of sodium fluoride", <i>Br. Med. J.</i> 301:314-318.
C47	Rosenblatt et al. (1977), "Parathyroid Hormone Inhibitors", <i>The Journal of Biological Chemistry</i> 252(16):5847-5851.
C48	Scharla et al. (1989), "Osteolytic Activity of Walker Carcinosarcoma 256 is Due to Parathyroid Hormone-Related Protein (PTHrP)", <i>Horm. Metab. Res.</i> 23:66-69.
C49	Schipani et al. (1993), "Identical Complementary Deoxyribonucleic Acids Encode a Human Renal and Bone Parathyroid Hormone (PTH)/PTH-Related Peptide Receptor", <i>Endocrinology</i> 132(5):2157-2165.
C50	Segre et al. (1979), "Characterization of Parathyroid Hormone Receptors in Canine Renal Cortical Plasma Membranes Using a Radioiodinated Sulfur-free Hormone Analogue", <i>The Journal of Biological Chemistry</i> 254(15):6980-6986.
C51	Sham et al. (1986), "Comparative Study on the Cardiac Actions of Bovine Parathyroid Hormone (1-34)", <i>General and Comparative Endocrinology</i> 61:148-152.
C52	Suva et al. (1987), "A Parathyroid Hormone-Related Protein Implicated in Malignant Hypercalcemia: Cloning and Expression", <i>Science</i> 237:893-896.
C53	Usdin, et al. (1999), "TIP39: a new neuropeptide and PTH2-receptor agonist from hypothalamus," <i>Nature</i> 398(6831):941-943.
EXAMINER: 	
Date Considered: 4/17/02	
EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

C54	Usdin, et al. (1996), "Distribution of Parathyroid Hormone-2 Receptor Messenger Ribonucleic Acid in Rat," <i>Endocrinology</i> 137(10):4285-4297.
C55	Usdin, et al. (1995), "Identification and Functional Expression of a Receptor Selectively Recognizing Parathyroid Hormone, the PTH2 Receptor," <i>J. of Biol. Chem.</i> 270(26):15455-15458.
C56	Usdin, et al. (1999), "Distribution of Parathyroid Hormone 2 Receptor in Rat: Immunolocalization Reveals Expression by Several Endocrine Cells," <i>Endocrinology</i> 140(7):3363-3371.
C57	Wang et al. (1984), "Effects of Synthetic Parathyroid Hormone on Hemodynamics and Regional Blood Flows", <i>European Journal of Pharmacology</i> 97:209-215.
C58	Whitfield et al. (1994), "C-Terminal Fragments of Parathyroid Hormone-Related Protein, PTHrP-(107-111) and (107-139), and the N-Terminal PTHrP-(1-40) Fragment Stimulate Membrane-Associated Protein Kinase C Activity in Rat Spleen Lymphocytes", <i>Journal of Cellular Physiology</i> 158:518-522.
C59	Whitfield et al. (1995), "Small bone-building fragments of parathyroid hormone: new therapeutic agents for osteoporosis", <i>TIPS</i> 16:382-386.
C60	Williams et al. (1998), "Effect of antagonism of the parathyroid hormone (PTH)/PTH-related protein receptor on decidualization in rat uterus", <i>Journal of Reproduction and Fertility</i> 112:59-67.
C61	Wingender et al. (1989), "Expression of Human Parathyroid Hormone in Escherichia coli", <i>The Journal of Biological Chemistry</i> 264(8):4367-4373.
C62	Yasuda et al. (1989), "Characterization of the Human Parathyroid Hormone-like Peptide Gene", <i>The Journal of Biological Chemistry</i> 264(13):7720-7725.
C63	Zanelli et al. (1985), "Biological Activities of Synthetic Human Parathyroid Hormone (PTH) 1-84 Relative to Natural Bovine 1-84 PTH in Two Different in Vivo Bioassay Systems" <i>Endocrinology</i> 117(5):1962-1967.
C64	Schilli et al. (1997), "Control of Hair Growth with Parathyroid Hormone (7-34)", <i>Journal of Investigative Dermatology</i> 108:928-932.

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U.S. PATENT DOCUMENTS

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EXAMINER'S INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
CS	AA	4,656,250	Apr. 7, 1987	Morita, et al.			
	AB	5,171,670	Dec. 15, 1992	Kronenberg, et al.			
	AC	5,434,246	Jul. 18, 1995	Fukuda, et al.			
	AD	5,494,806	Feb. 27, 1996	Segre, et al.			
	AE	5,589,452	Dec. 31, 1996	Krstenansky, et al.			
	AF	5,599,792	Feb. 4, 1997	Kronis, et al.			
	AG	5,599,822	Feb. 4, 1997	Cullinan, et al.			
	AH	5,670,514	Sep. 23, 1997	Audia, et al.			
	AI	5,840,853	Nov. 24, 1998	Segre, et al.			
	AJ	5,886,148	Mar. 23, 1999	Segre, et al.			
	AK	6,147,186	Nov. 14, 2000	Gardella, et al.			
CS	AL	6,242,495	Jun. 5, 2001	Leone-Bay, et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	BA	EP 0 526 452	Feb. 21, 2001	European			YES NO
	BB	WO 99/38535	Aug. 5, 1999	PCT			
	BC	WO 00/19823	Apr. 13, 2000	PCT			
	BD	WO 00/50633	Aug. 31, 2000	PCT			
	BE	WO 01/08673	Feb. 8, 2001	PCT			
	BF	WO 01/23427	Apr. 5, 2001	PCT			
CS	BG	WO 01/23521	Apr. 5, 2001	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CS	CA	Hill, et al. (1997), "Multiple Extracellular Signals Promote Osteoblast Survival and Apoptosis," <i>Endocrinology</i> 138(9):3849-3858.
EXAMINER: <i>G. M. ...</i>		Date Considered: 4/17/03
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U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
CDU	A4	5,529,915	06/25/96	Snow et al.			
	A5	5,118,667	06/02/92	Adams et al.			
	A6	5,087,562	02/11/92	Chorev et al.			
	A7	4,968,669	11/06/90	Chorev et al.			
CDU	A8	4,423,037	12/27/83	Potts et al.			

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OCT 24 2002

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES	NO
CDU	B9	WO 99/46283	09/16/99	PCT				
	B10	WO 99/06535	02/11/99	PCT				
	B11	WO 94/01460	01/20/94	PCT				
CDU	B12	EP 0 483 509	05/06/92	Europe				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CDU	C65	Cottingham, et al. (2001), "A method for the amidation of recombinant peptides expressed as intein fusion proteins in Escherichia coli," <i>Nature Biotechnology</i> 19:974-977.

EXAMINER: <i>G. Miller</i>	Date Considered: 4/17/03
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